

Patent Abstracts of Japan

PUBLICATION NUMBER : 10273342
PUBLICATION DATE : 13-10-98

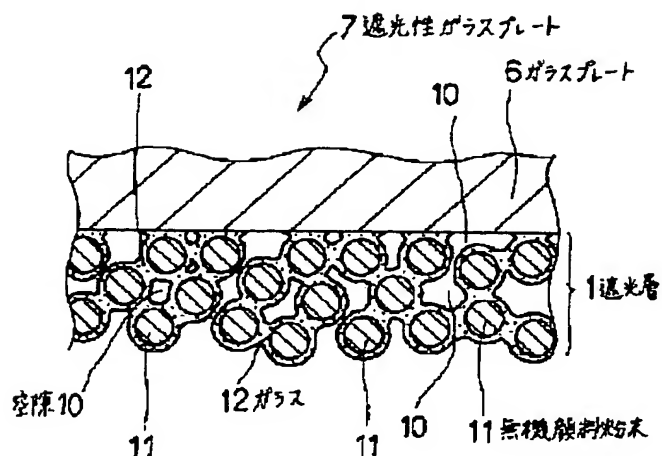
APPLICATION DATE : 27-03-97
APPLICATION NUMBER : 09094751

APPLICANT : NARUMI CHINA CORP;

INVENTOR : KAMEYAMA TAKUJI;

INT.CL. : C03C 17/44 C03C 8/14 C03C 10/00
C03C 17/04 // H05B 3/74

TITLE : SHADING GLASS PLATE



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a shading glass plate excellent in mechanical strength and thermal shock resistance and having a broad selectivity concerning an applicable color.

SOLUTION: This glass plate is constituted as follows: a porous shading layer 31 composed of 40 to 90% wt.% inorganic pigment powder and 10 to 60 wt.% glass flux is formed on the surface of a glass plate 6 consisting of transparent and low-expansion crystallized glass; and there are jointed between adjoining inorganic pigment particles 11 and between the inorganic pigment particle 11 and the glass plate 6 by a glass material resulted from fusing and solidifying the glass flux 12. Preferably, any pattern consisting of a shading layer is formed on the surface of the glass plate 6 and the glass flux contains $\text{Li}_2\text{O}-\text{Al}_2\text{O}_3-\text{SiO}_2-\text{PbO}-\text{B}_2\text{O}_3$.

COPYRIGHT: (C)1998,JPO

BEST AVAILABLE COPY